Guiding Sheaths And Steerable Catheters
For TEVAR and B/FEVAR: How They Work

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Disclosures
Inventor of Piton GC

PITON GC: a pivotal one lumen steerable
guiding catheter playing with two wires

Working wire through the front hole

Stiff Pivotal/supporting wire through the side hole

PITON GC BASIC PROCEDURE

SIMULATION OF A DOUBLE ANGULATED BIFURCATION

PITON GC IN A CASE OF THORACO-ABDOMINAL ANEURYSM

77 yrs , Type III TAAA 80 mm – Serum Creat. 2.1 mg/dl

PLANNED PROCEDURE: COOK branched custom made IN TWO STEPS

1) Deployment of the branched endograft
2) Placement of covered stents for 3 open visceral vessels after three weeks

Celiac axis occluded

STENOSIS OF R. RENAL ARTERY LOCALIZED AT h. 10.30

Challenging RRA cannulation

CT Control before second step
MALPOSITION OF THE RIGHT RENAL BRANCH

Right Renal Artery

1.3 cm

45°
I) SMA and LRA rapid cannulation and stenting (Advanta 8x59 – 7 x 59 mm.)

II) Attempt to retrograde cannulation and stent grafting of RRA

WITH THE TWO GUIDES SUPPORT (0.032)

RRA stenting with Viabahn 6x100 mm

Viabahn advanced and deployed over the two wires

NEXUS DEPLOYMENT WITH PITON GC SUPPORT

for a precise procedure saving time and contrast
1. PITON GC is an innovative system for vessel navigation.

2. PITON GC is a stable and precisely steerable device → very useful in thoracic and thoraco-abdominal endografting